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FIG. 1

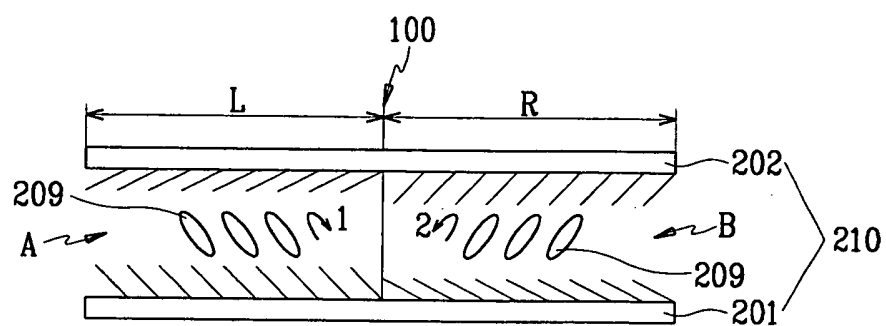


FIG. 3

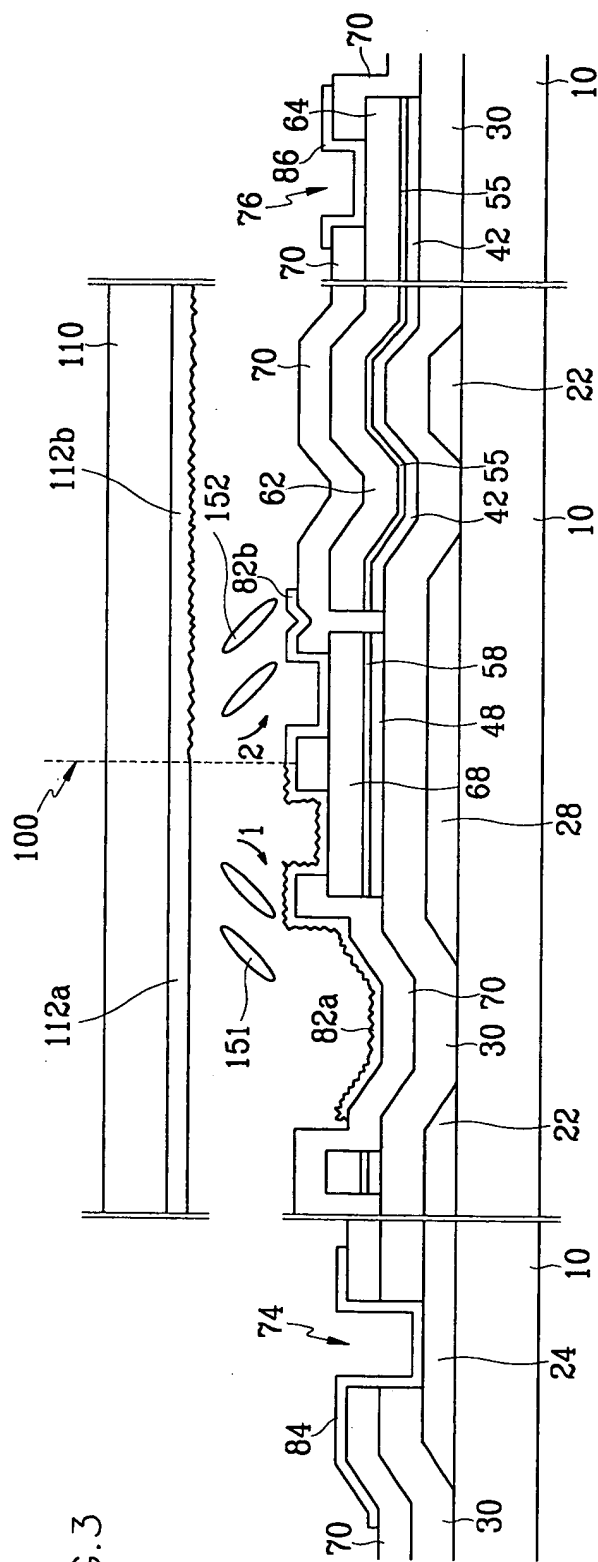


FIG. 4

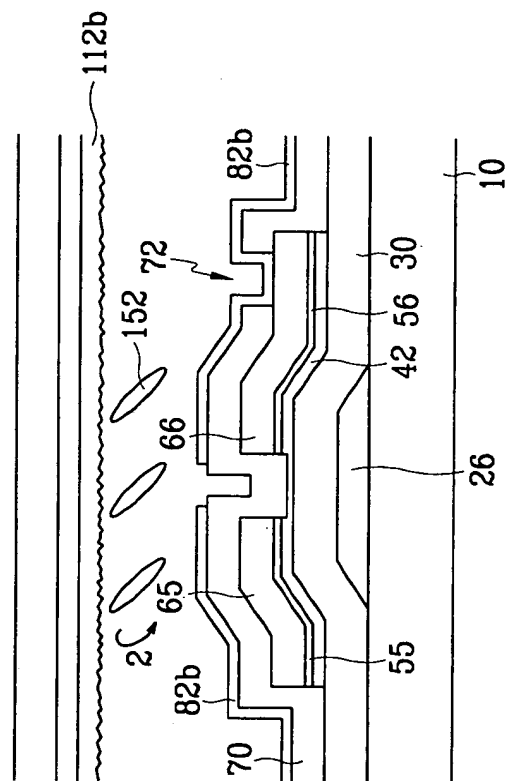


FIG.5A

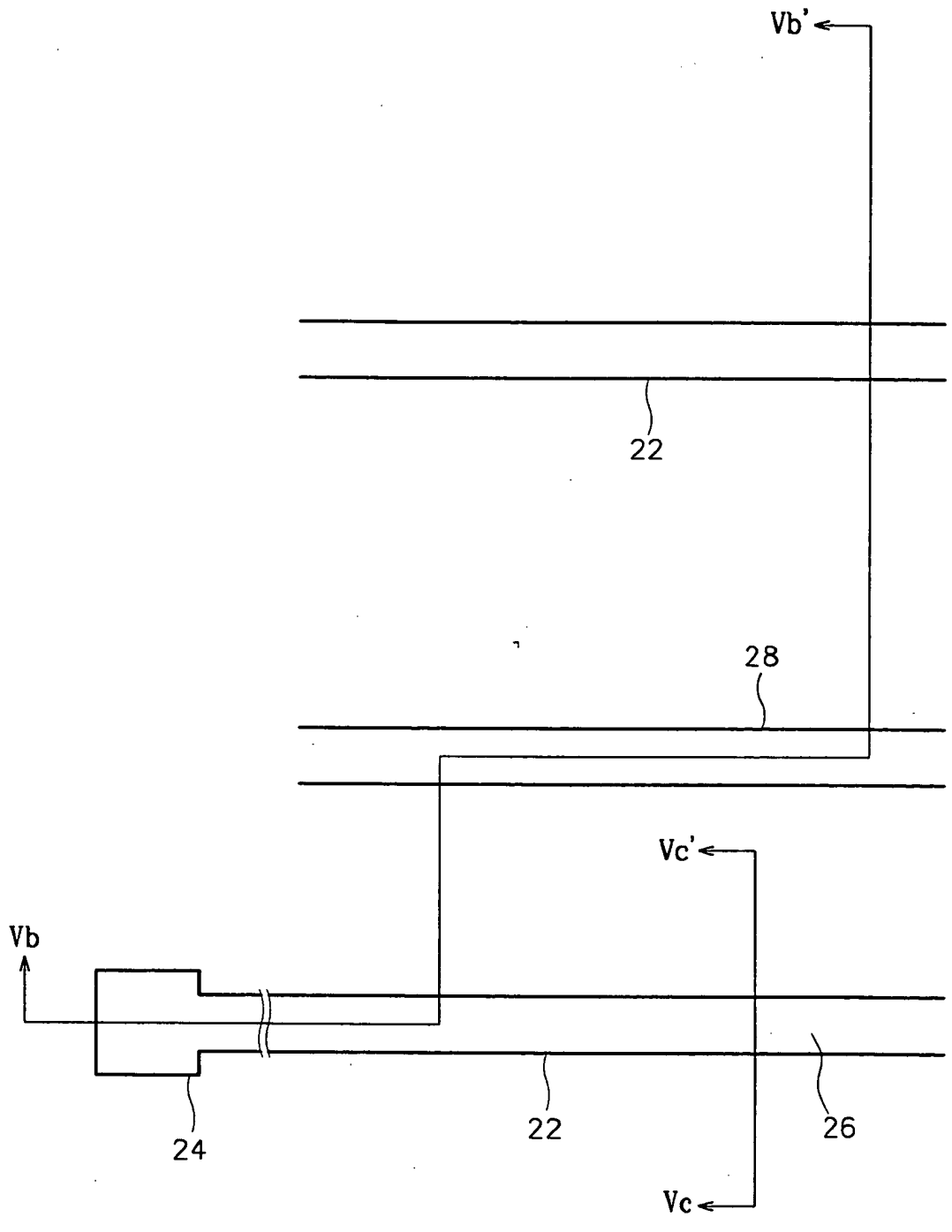


FIG.5B

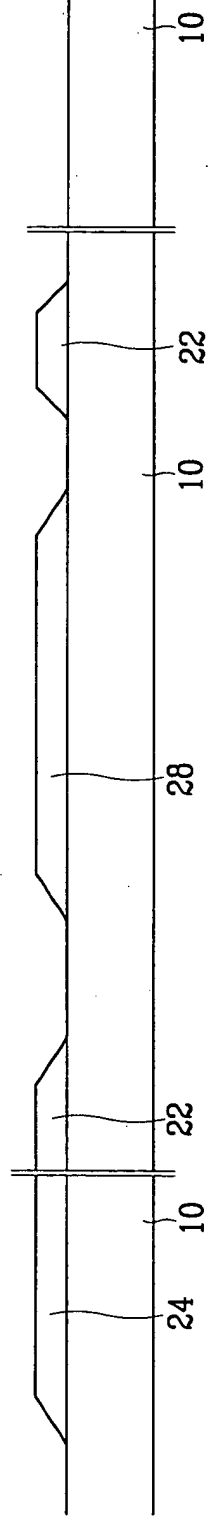


FIG.5C

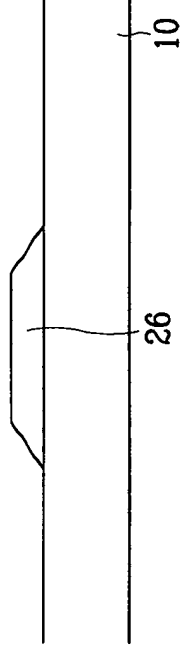


FIG. 6A

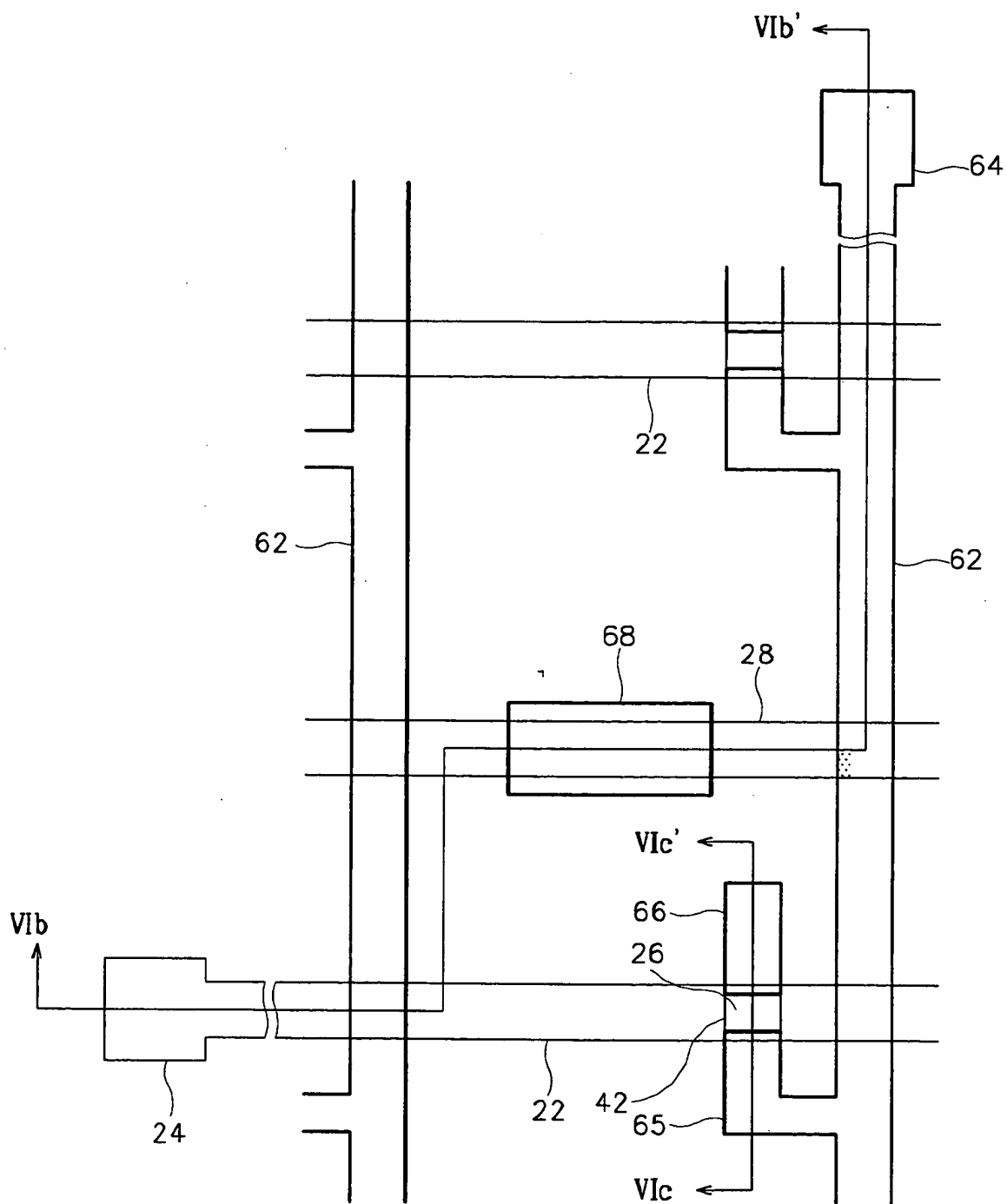


FIG. 6B

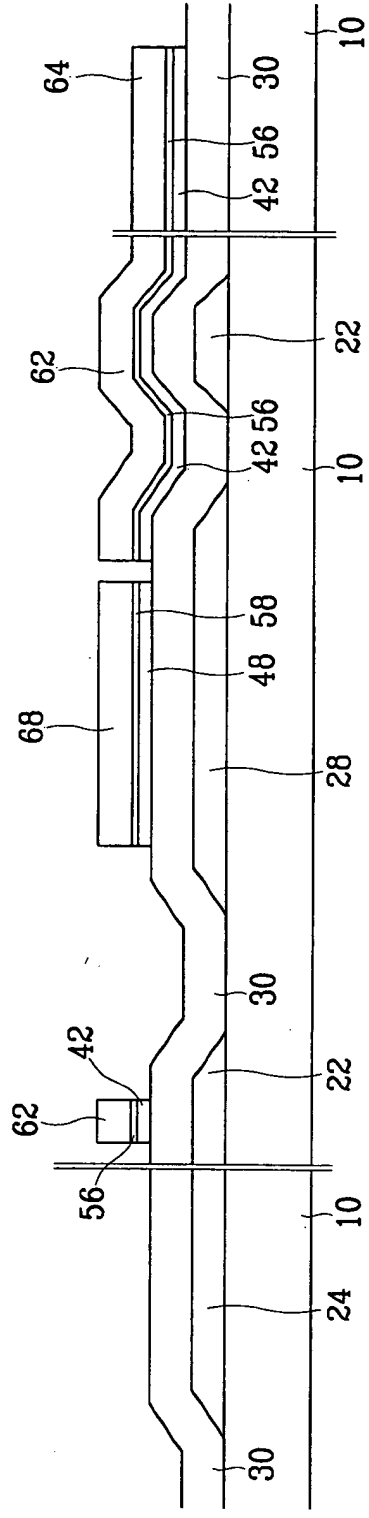
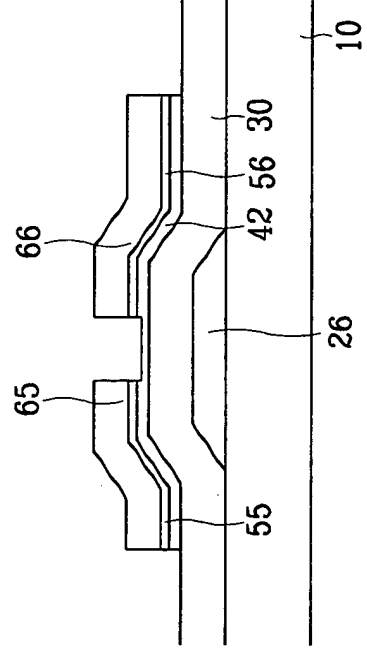


FIG. 6C



This cross-sectional view shows a central gate structure 60 on a substrate 10. The gate structure 60 includes a gate dielectric layer 112 and a gate conductive layer 114. The gate conductive layer 114 is divided into two regions, 112 and 114, by a central gap. The gate structure 60 is flanked by two regions, 40 and 50, which are separated by a central gap. The regions 40 and 50 are flanked by two regions, 30 and 26, which are separated by a central gap. The regions 30 and 26 are flanked by two regions, 10 and 10, which are separated by a central gap. The regions 10 and 10 are flanked by two regions, 10 and 10, which are separated by a central gap.

Figure 1 is a cross-sectional view of a multi-layered structure. The structure is divided into sections A and B. The layers are labeled 112, 67, 68, 30, 40, 50, 22, 24, 28, and 10. The dimensions are indicated by arrows and numbers: 10, 22, 24, 28, 30, 40, 50, 67, 68, 112. The structure shows a central core with multiple layers and a top layer with a wavy profile.

This cross-sectional view shows a central layer 112 with a protruding portion 114. A top layer 10 is positioned above the central layer, with a gap 67 between them. The top layer 10 is divided into regions 40, 50, and 30. The central layer 112 is also divided into regions 112 and 114. The top layer 10 is labeled 10, and the central layer 112 is labeled 112. The gap 67 is labeled 67. The regions 40, 50, and 30 are labeled 40, 50, and 30. The regions 112 and 114 are labeled 112 and 114. The top layer 10 is labeled 10, and the central layer 112 is labeled 112. The gap 67 is labeled 67. The regions 40, 50, and 30 are labeled 40, 50, and 30. The regions 112 and 114 are labeled 112 and 114.

FIG. 9A

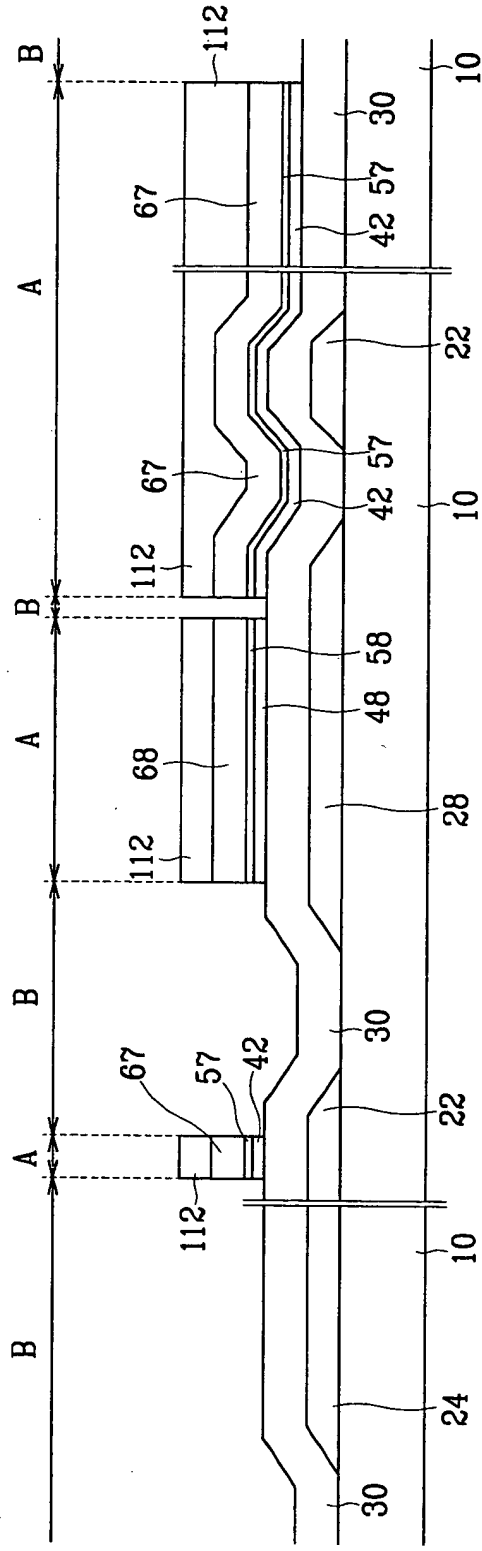


FIG. 9B

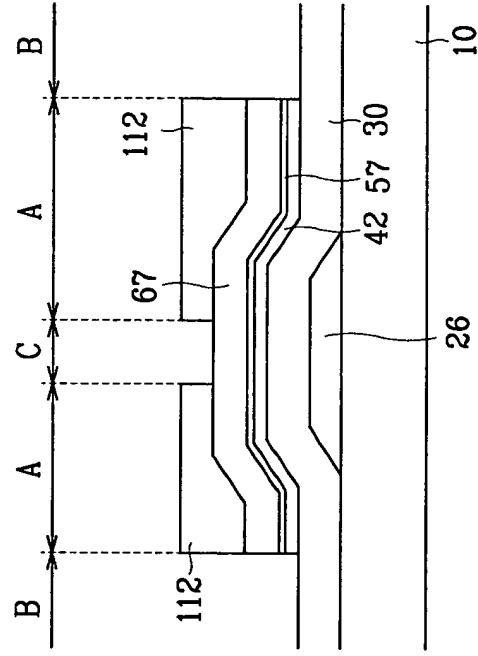


FIG. 10A

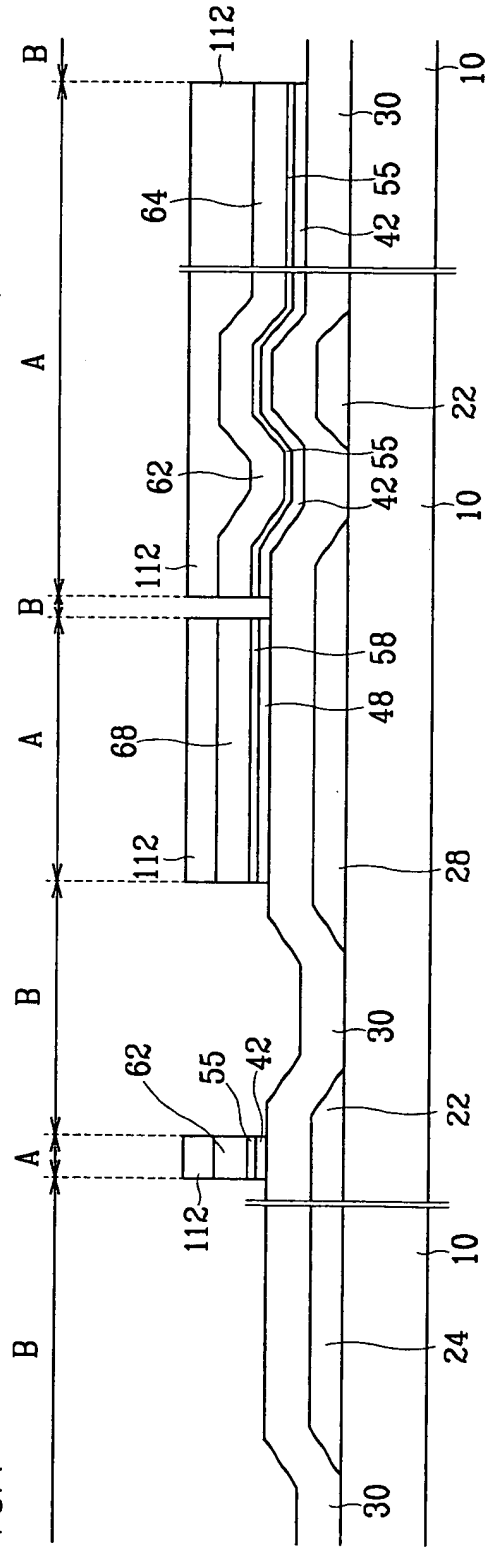


FIG. 10B

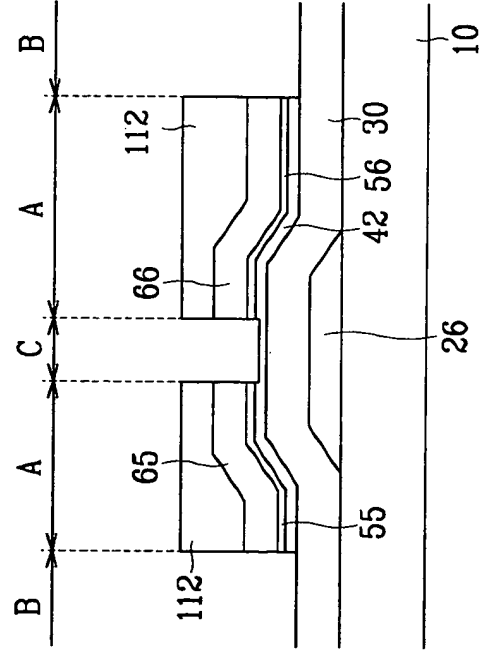


FIG. 11A

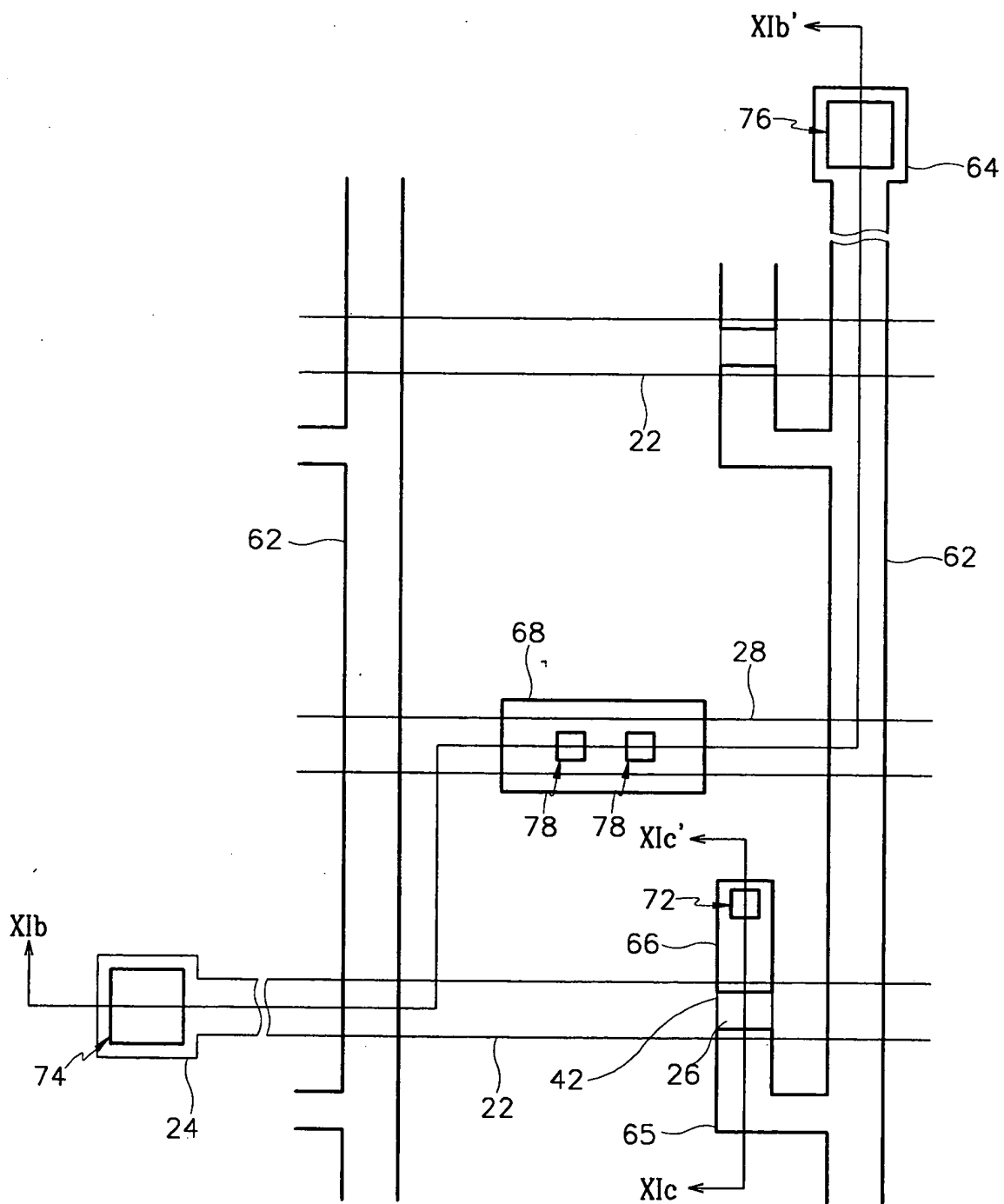


FIG. 11B

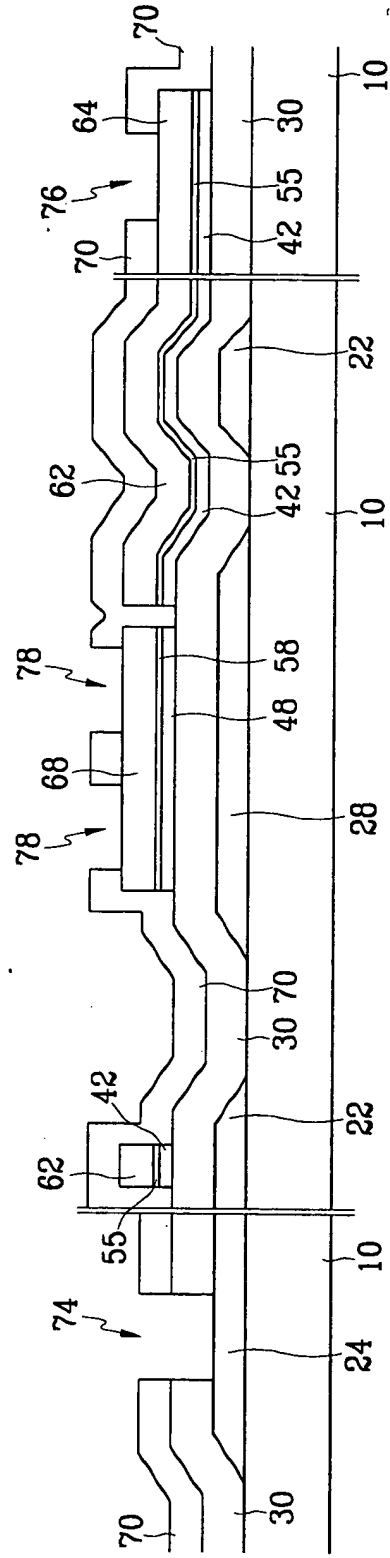


FIG. 11C

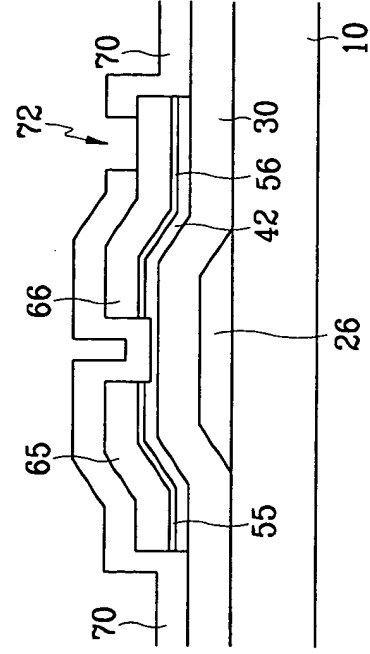
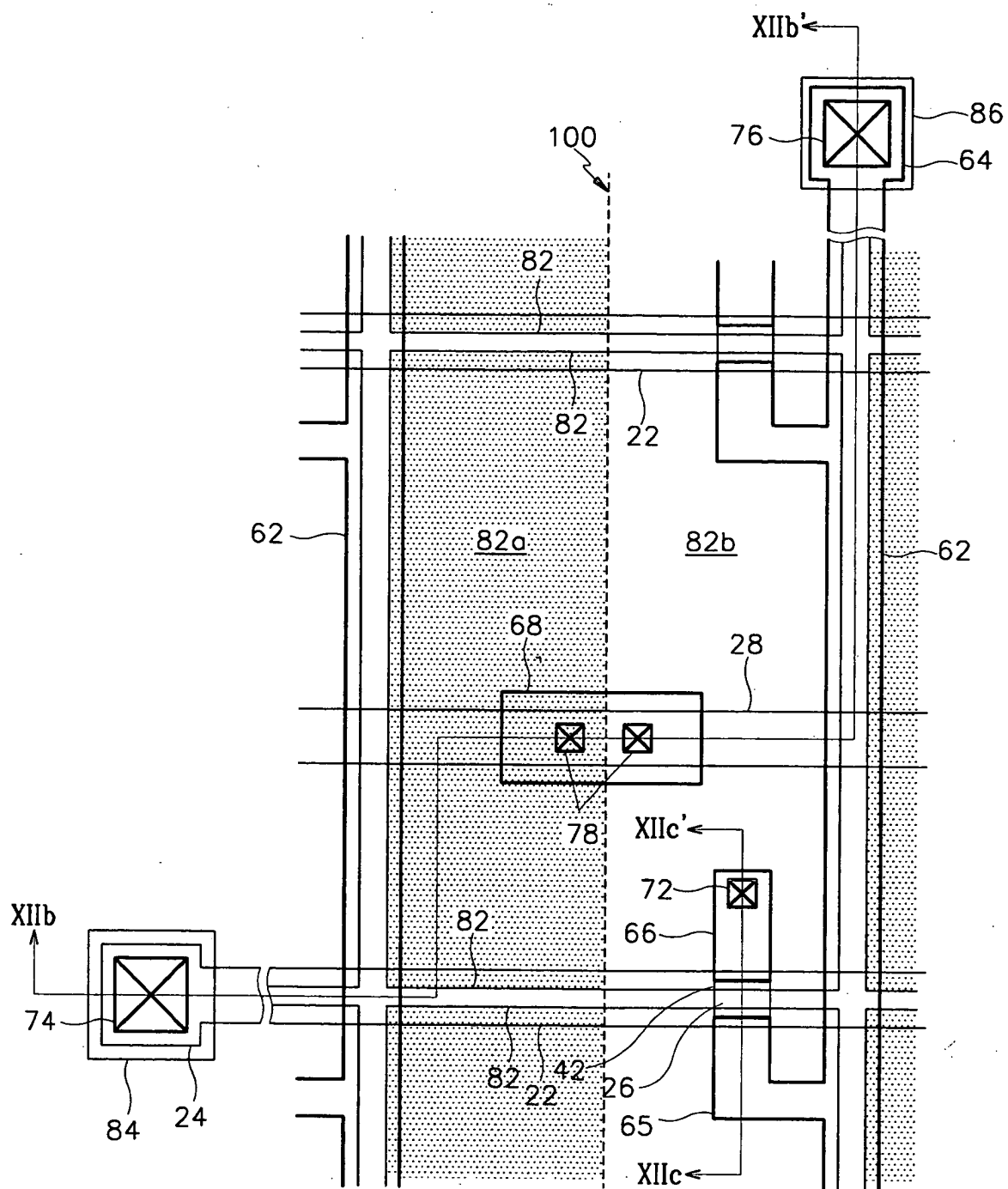


FIG. 12A



[illegible]

This cross-sectional view shows a multi-layered structure. At the top is a layer labeled 10. Below it is a layer labeled 26. A central region is labeled 30. Within this region, there are several layers: 42, 56, and 55. On the left side, there is a complex structure with layers 65, 66, and 72. At the bottom, there is a layer labeled 70. The structure is symmetrical about a central vertical axis.

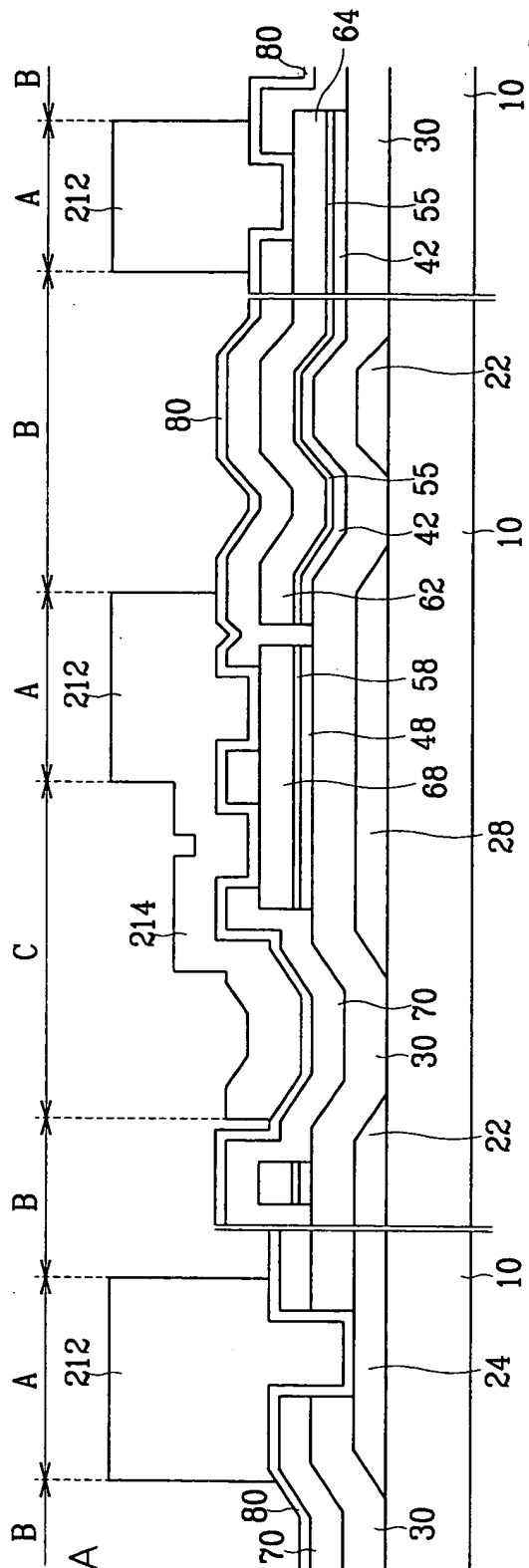


FIG. 13A

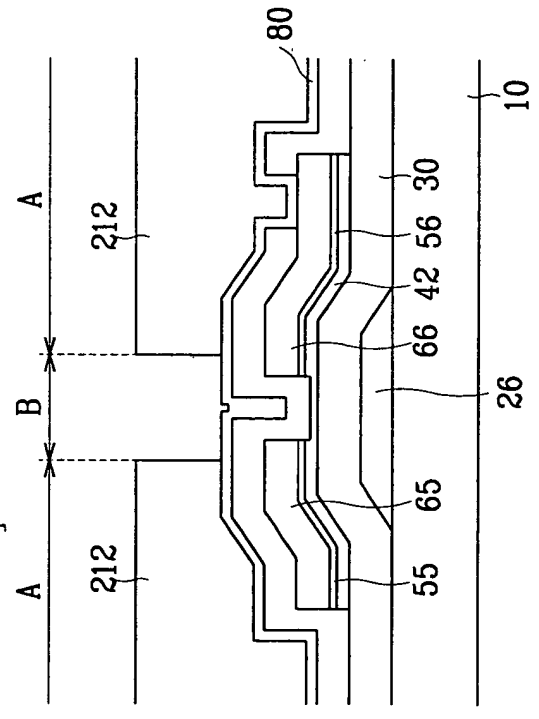
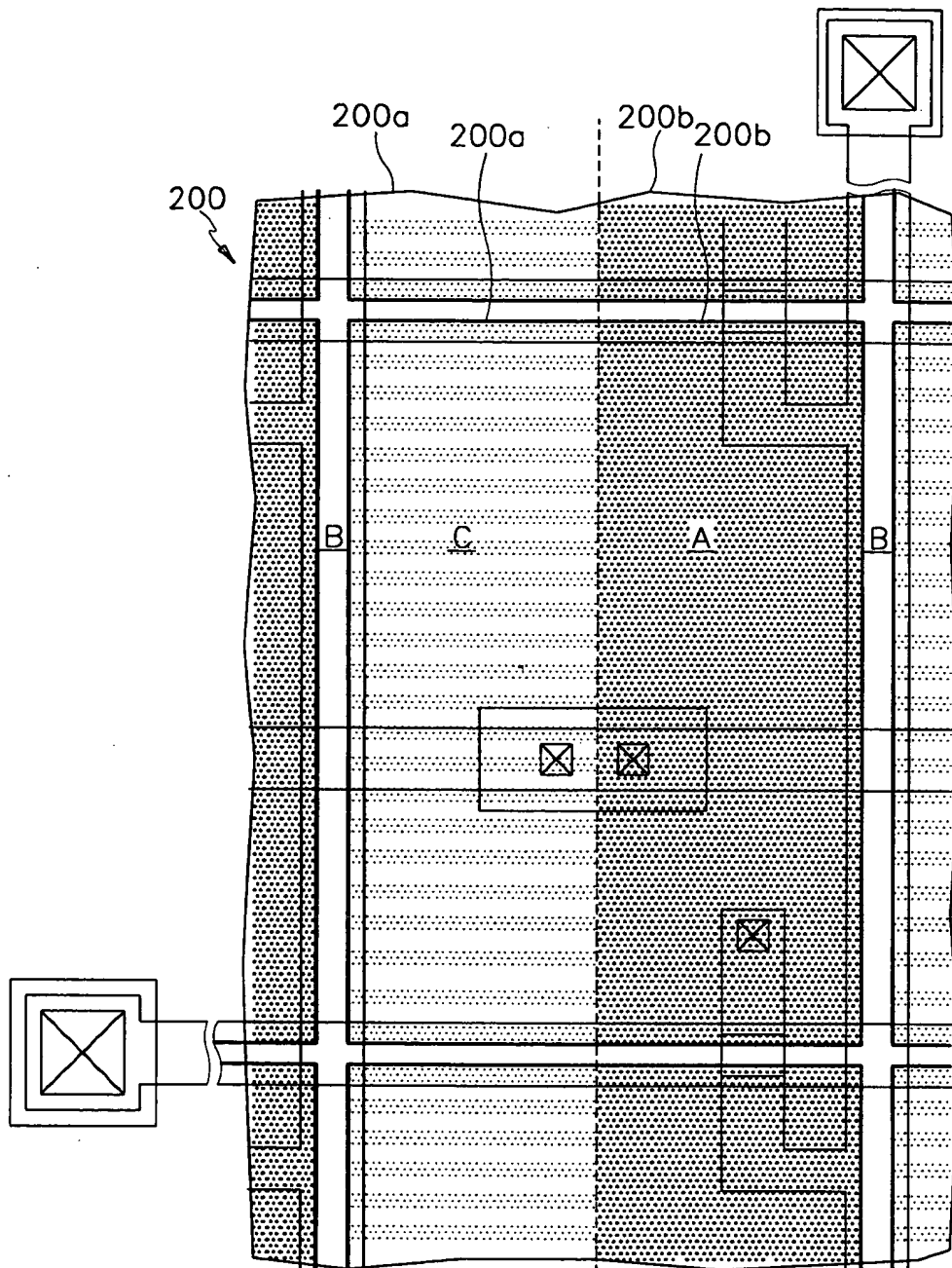


FIG. 13B

FIG.14



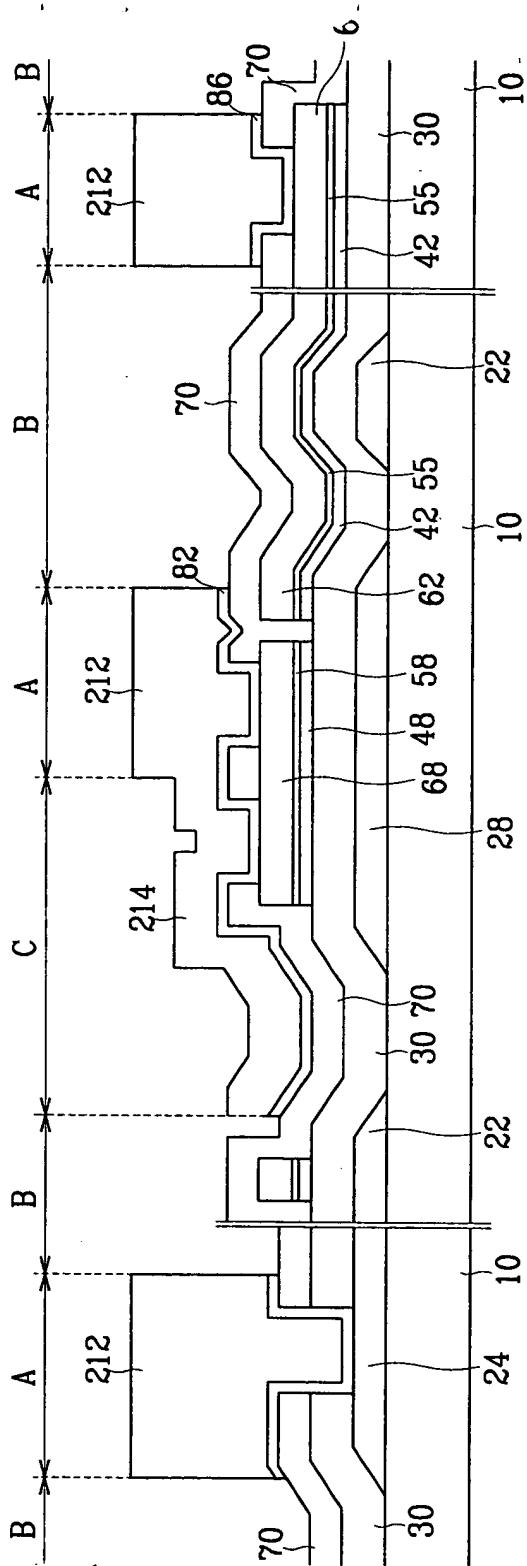


FIG. 15A

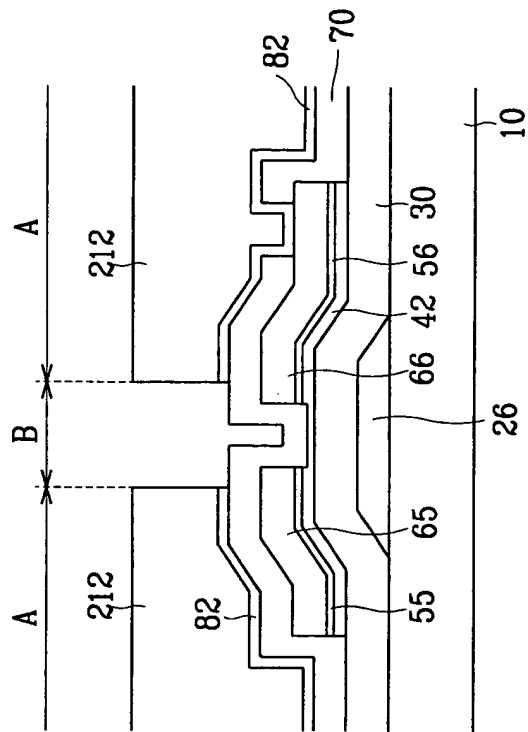


FIG. 15B

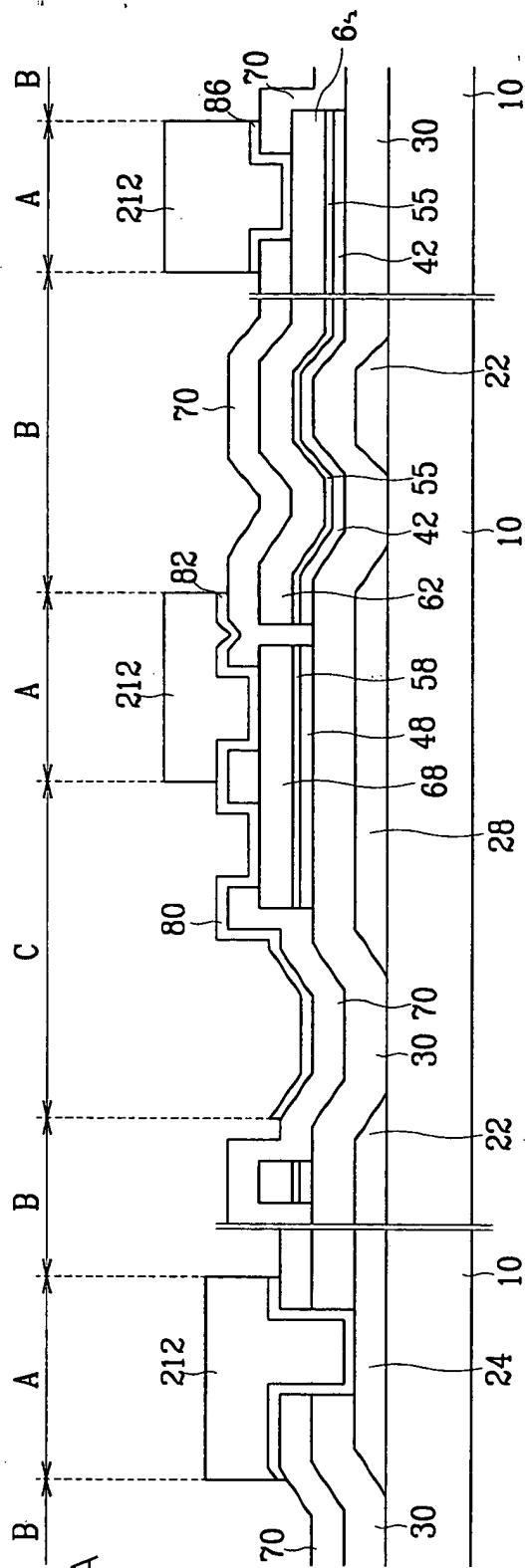


FIG. 16A

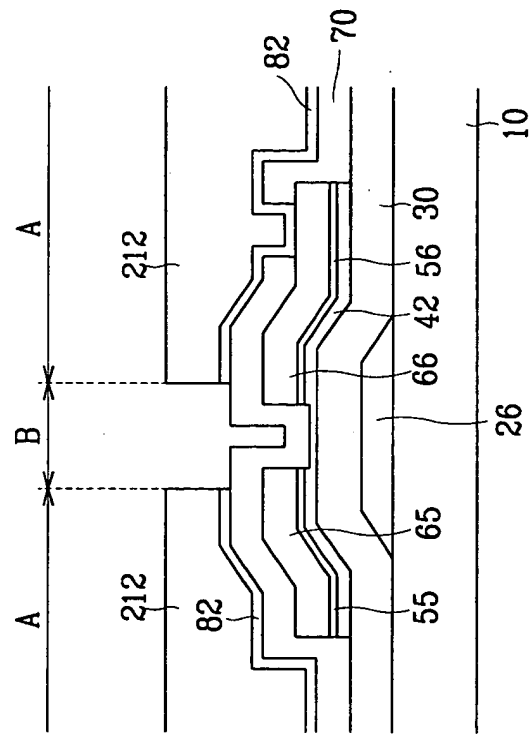


FIG. 16B

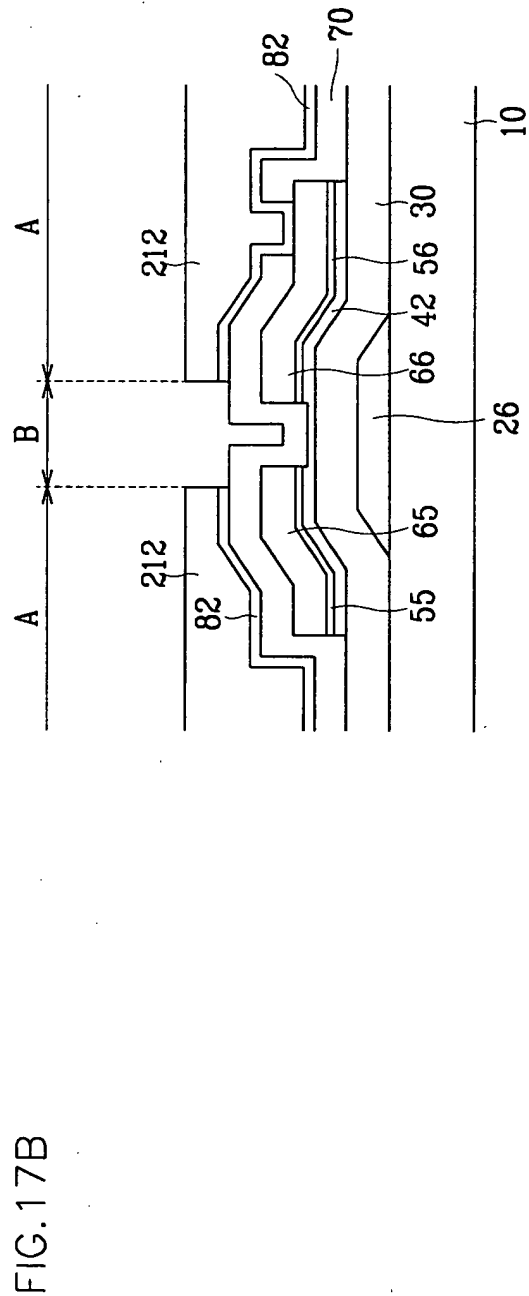
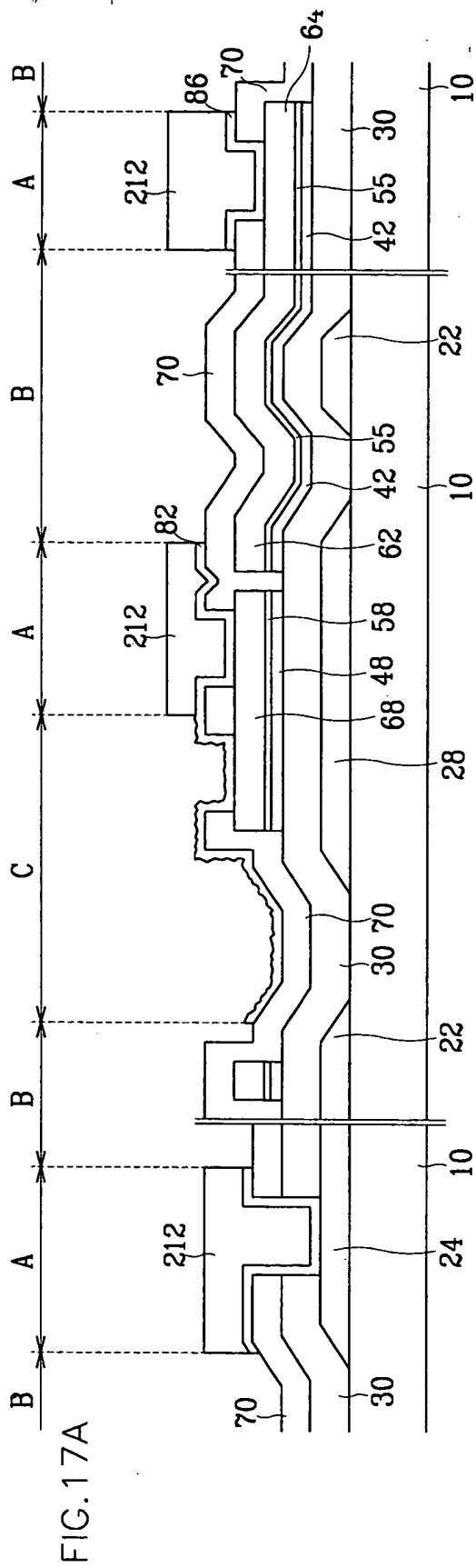


FIG.18A

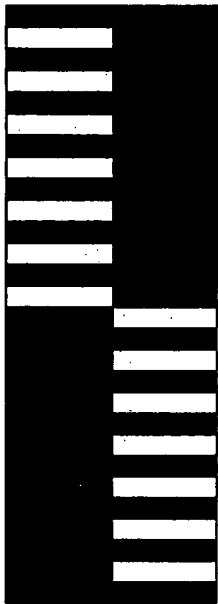


FIG.18B

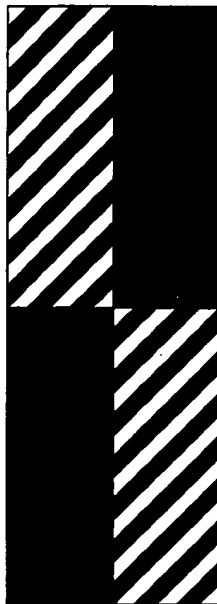


FIG.18C

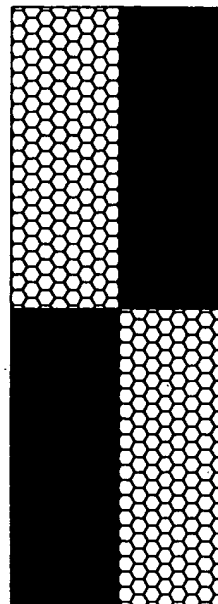


FIG. 20

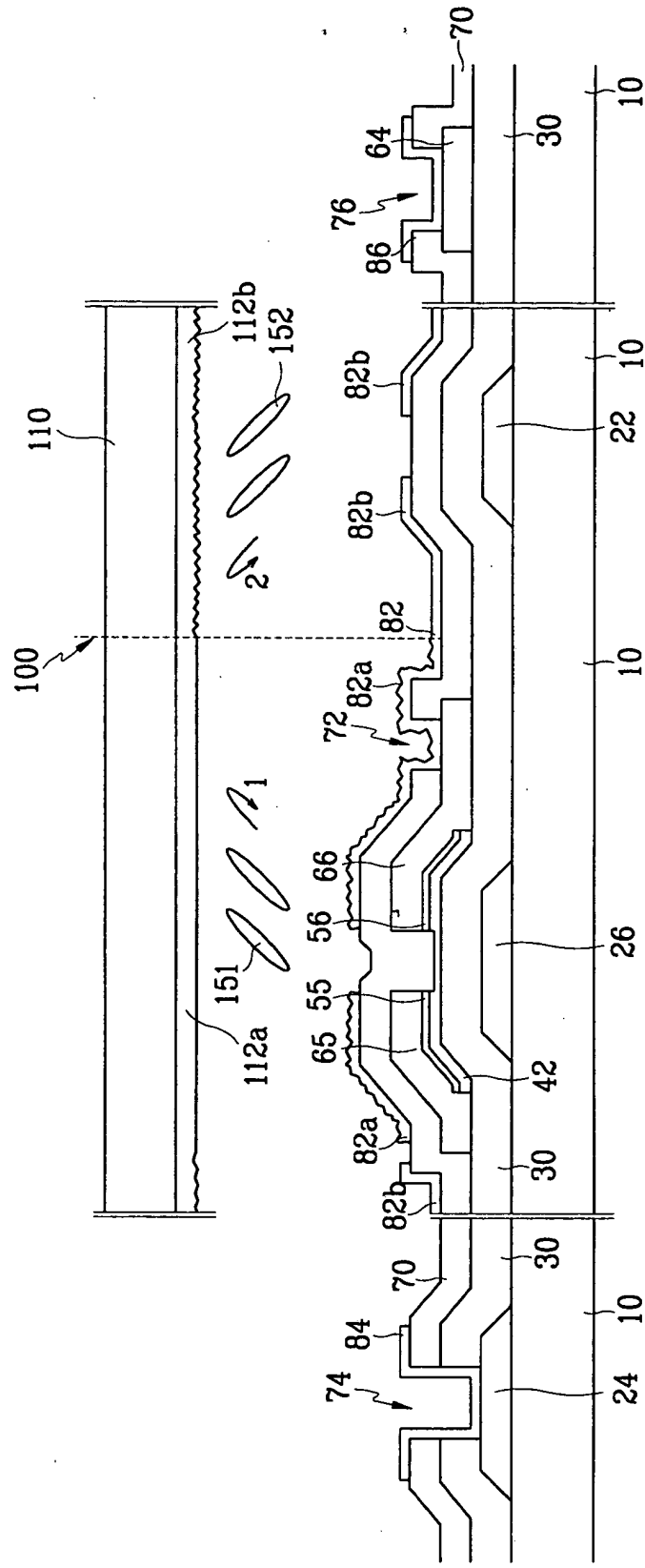


FIG.21A

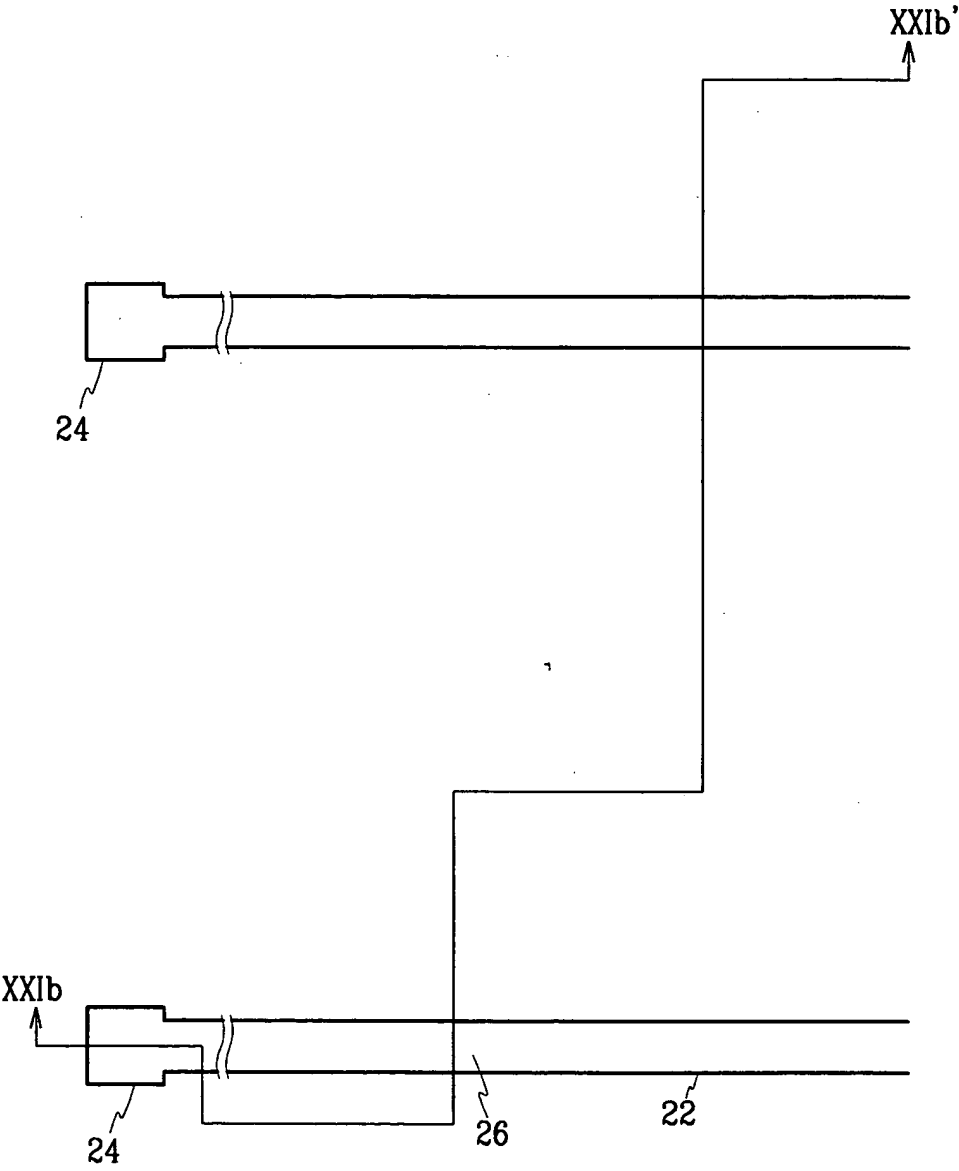


FIG.21B

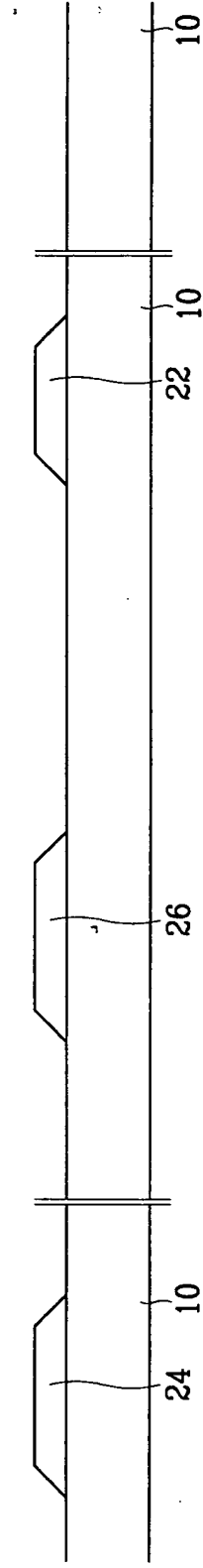


FIG.22A

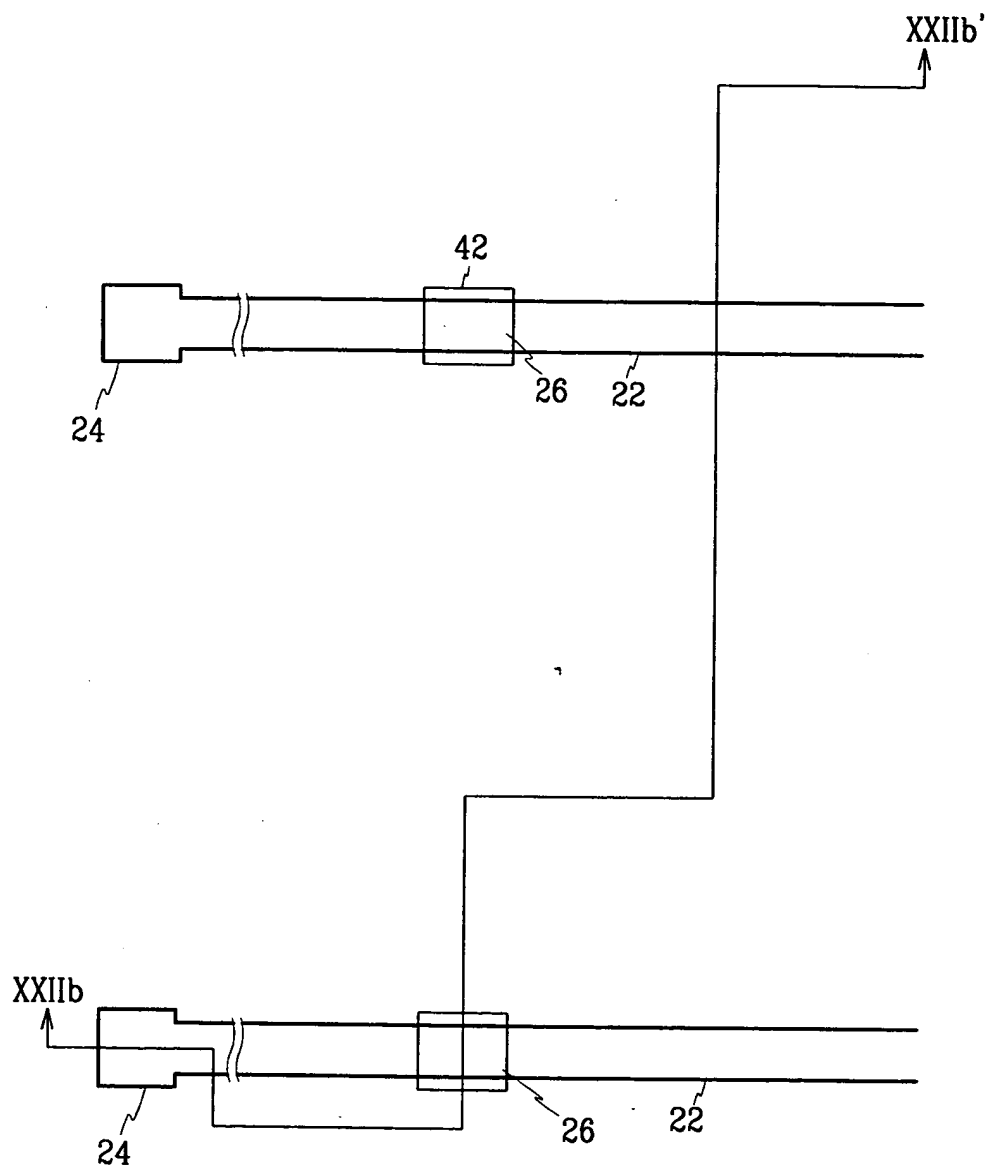


FIG. 22B

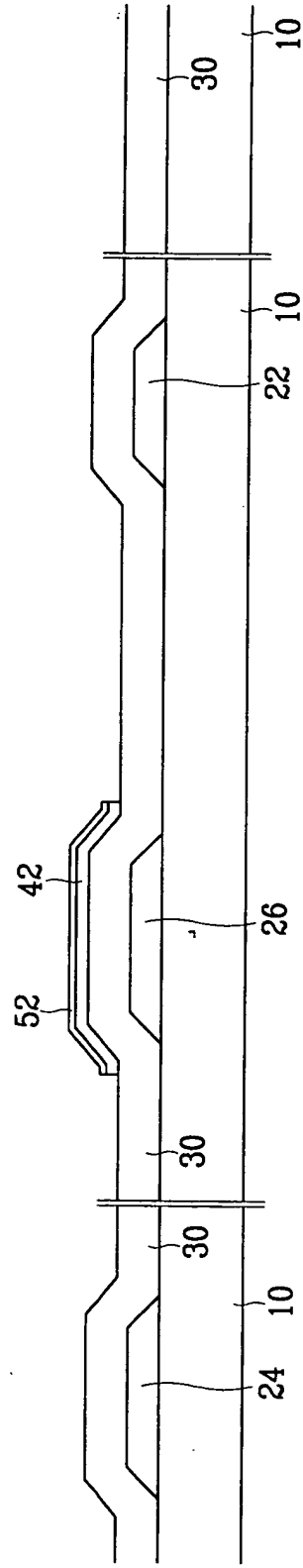


FIG.23B

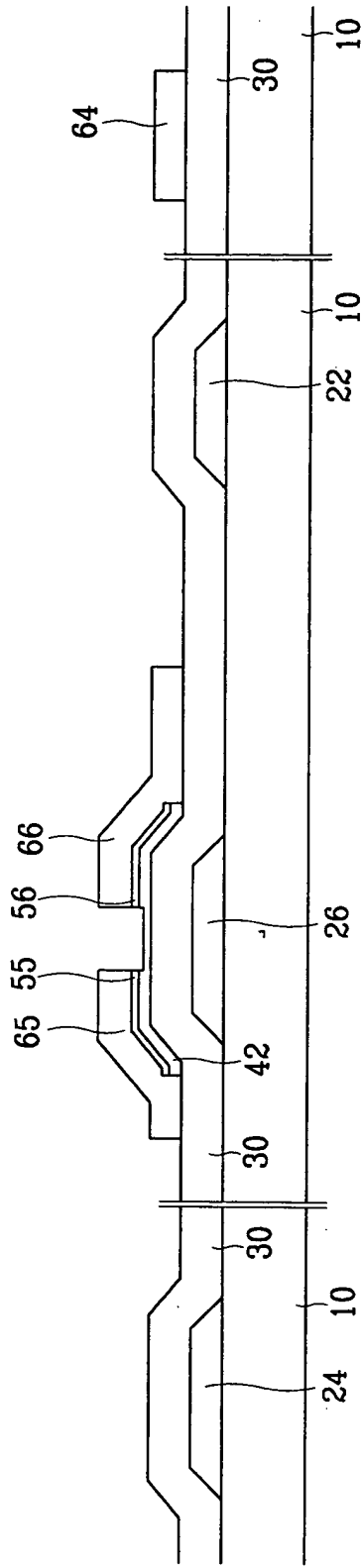


FIG.24A

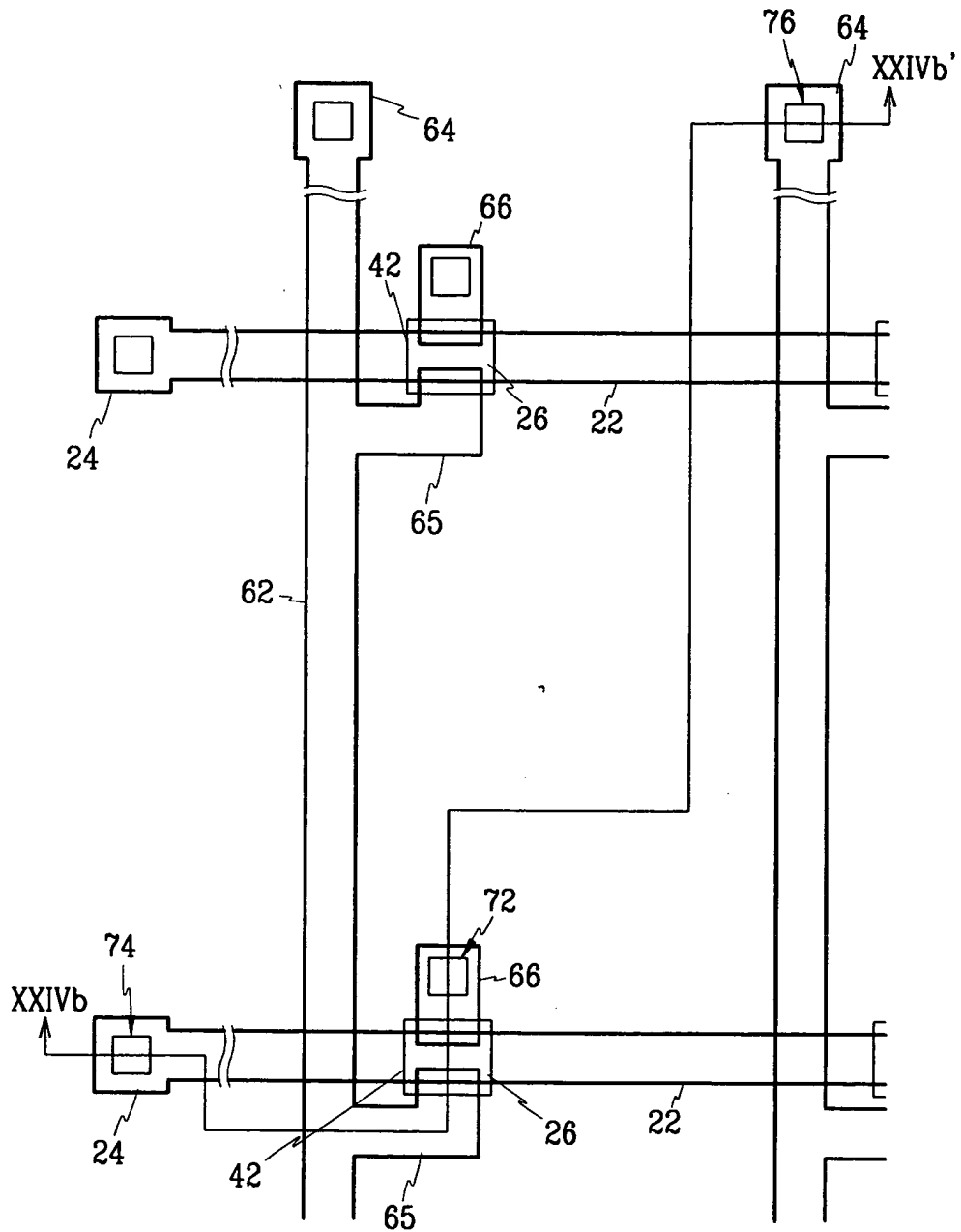


FIG. 24B

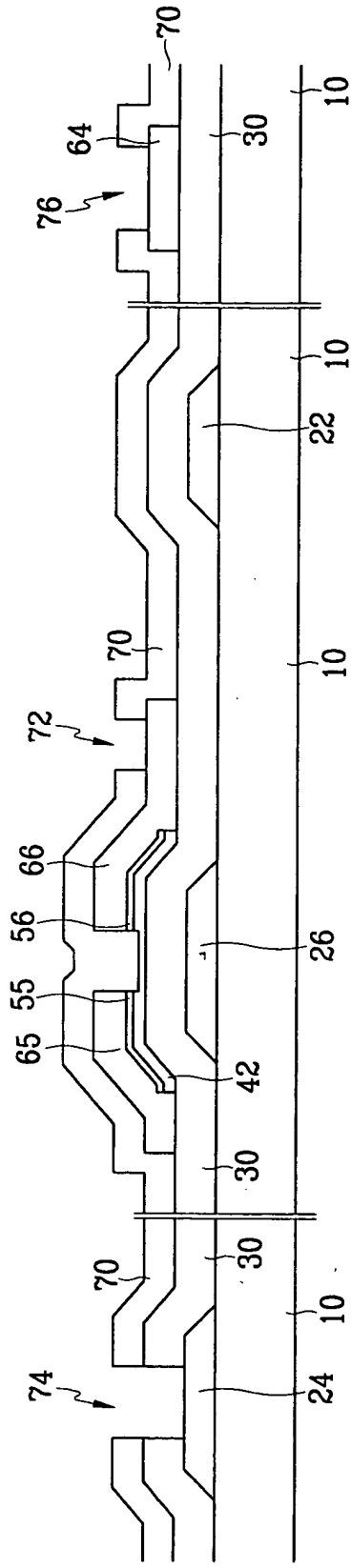


FIG.25A

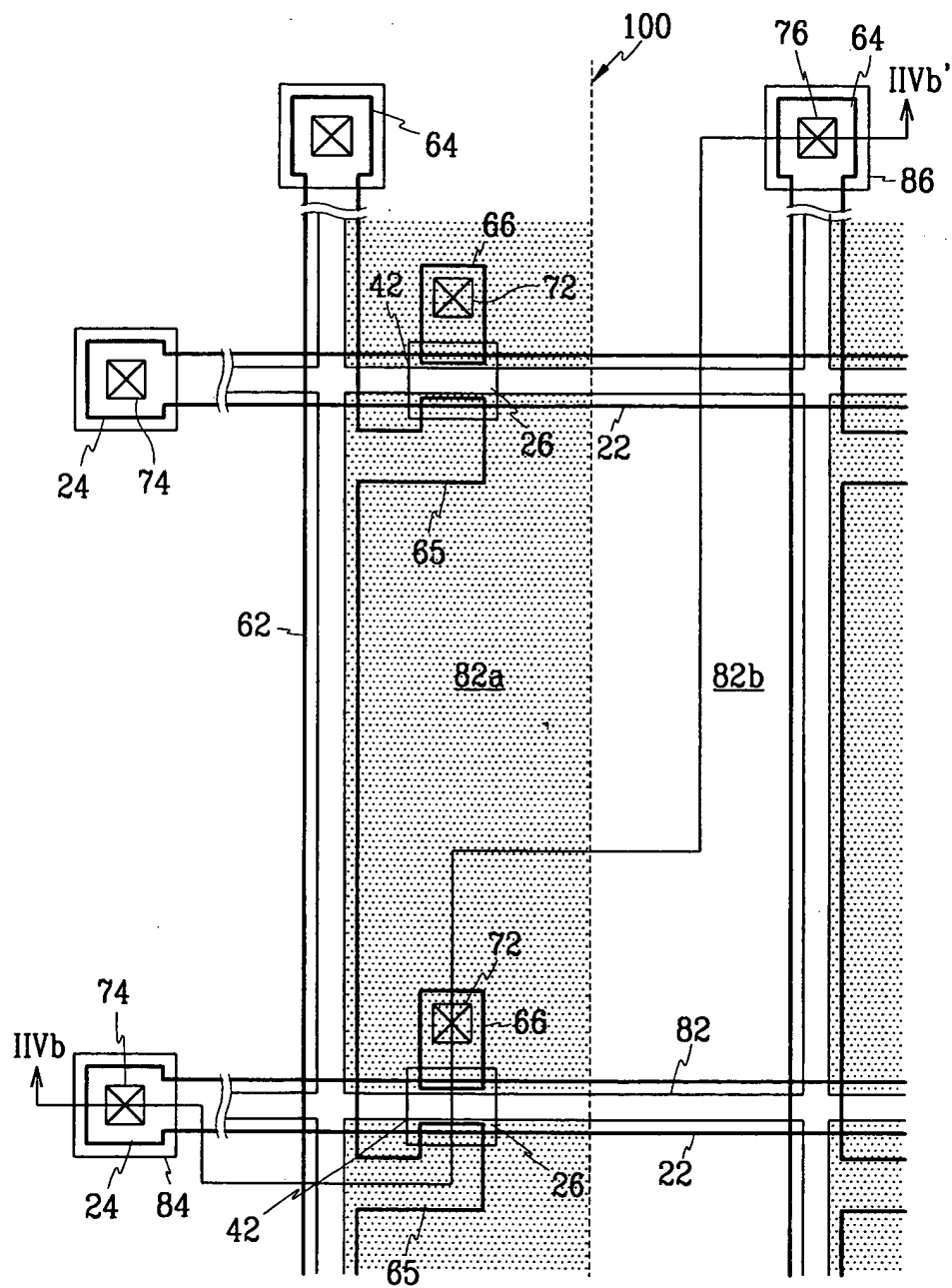


FIG. 25B

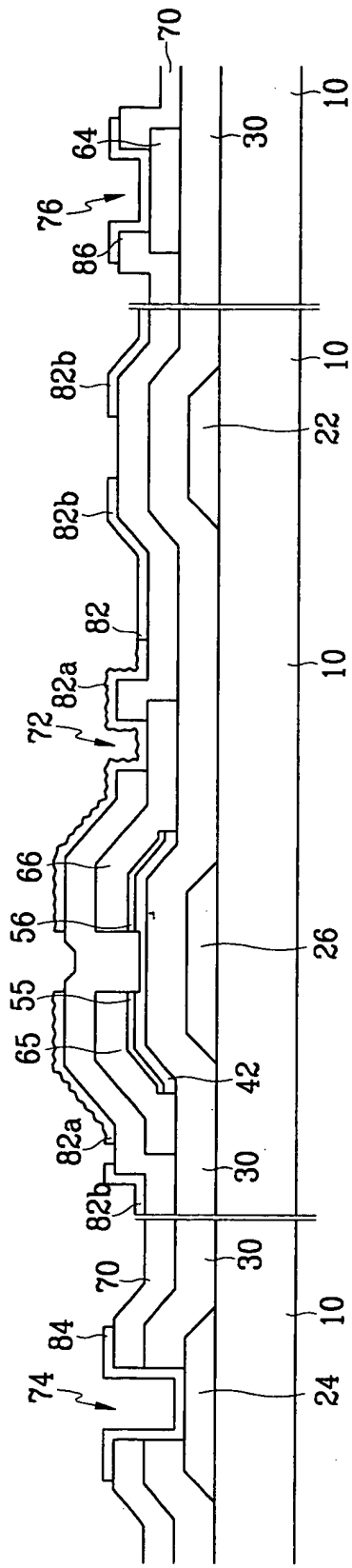


FIG. 26

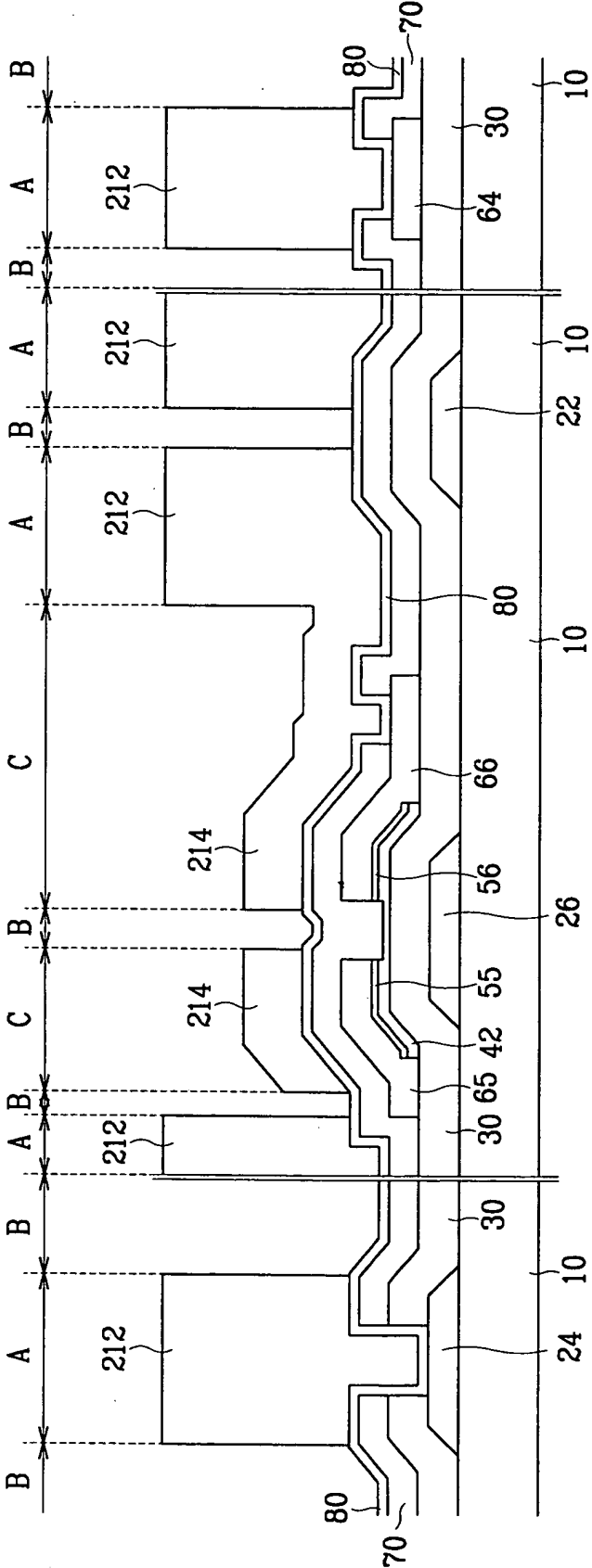


FIG. 27

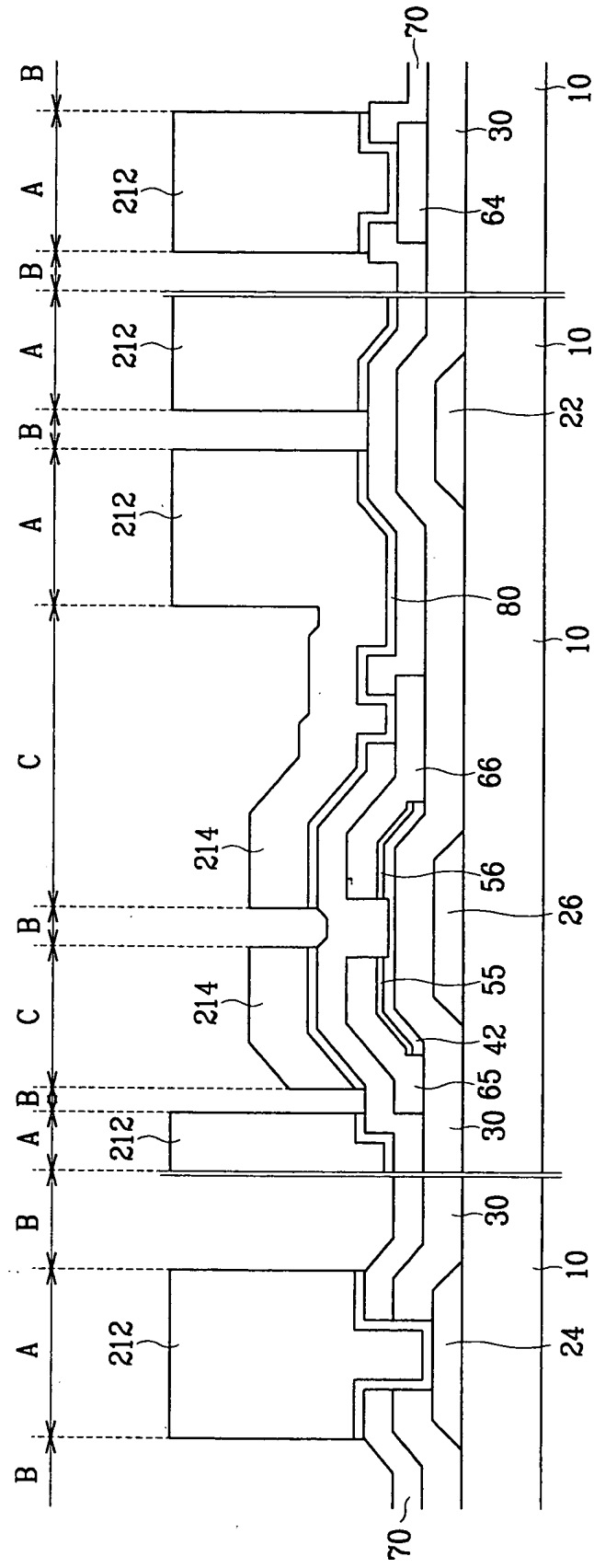


FIG. 28

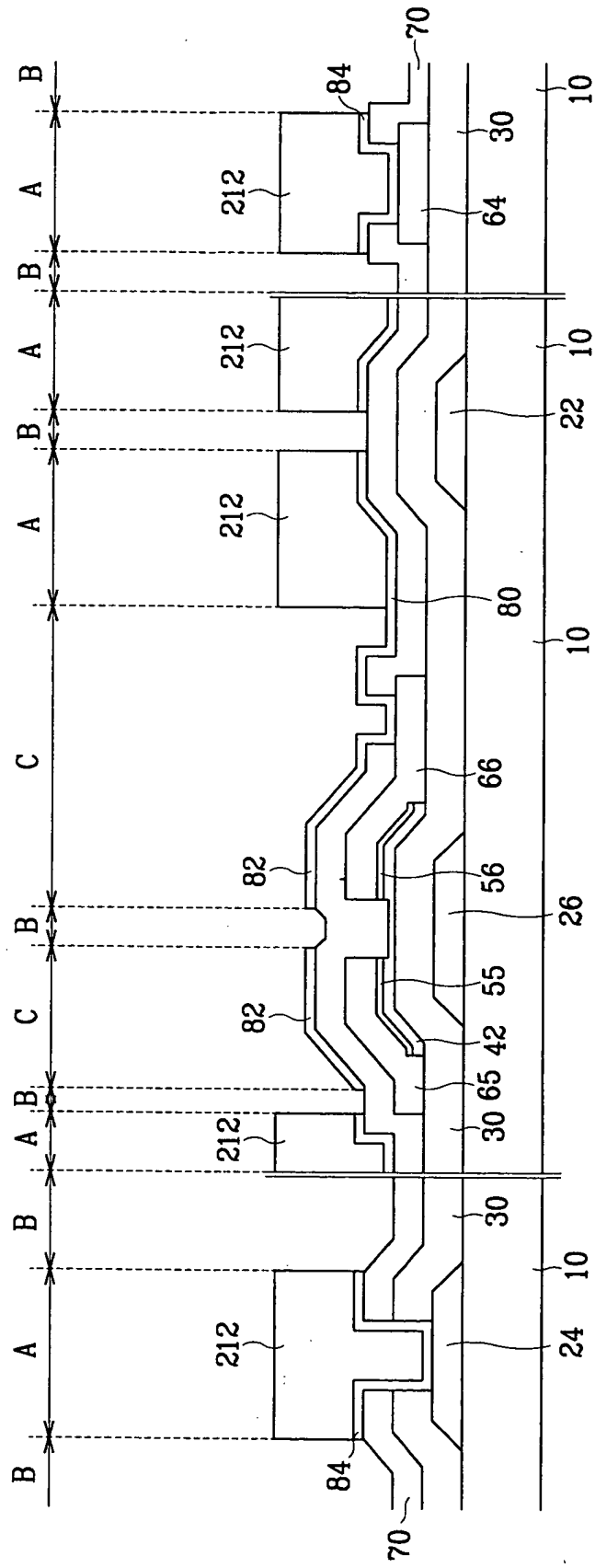
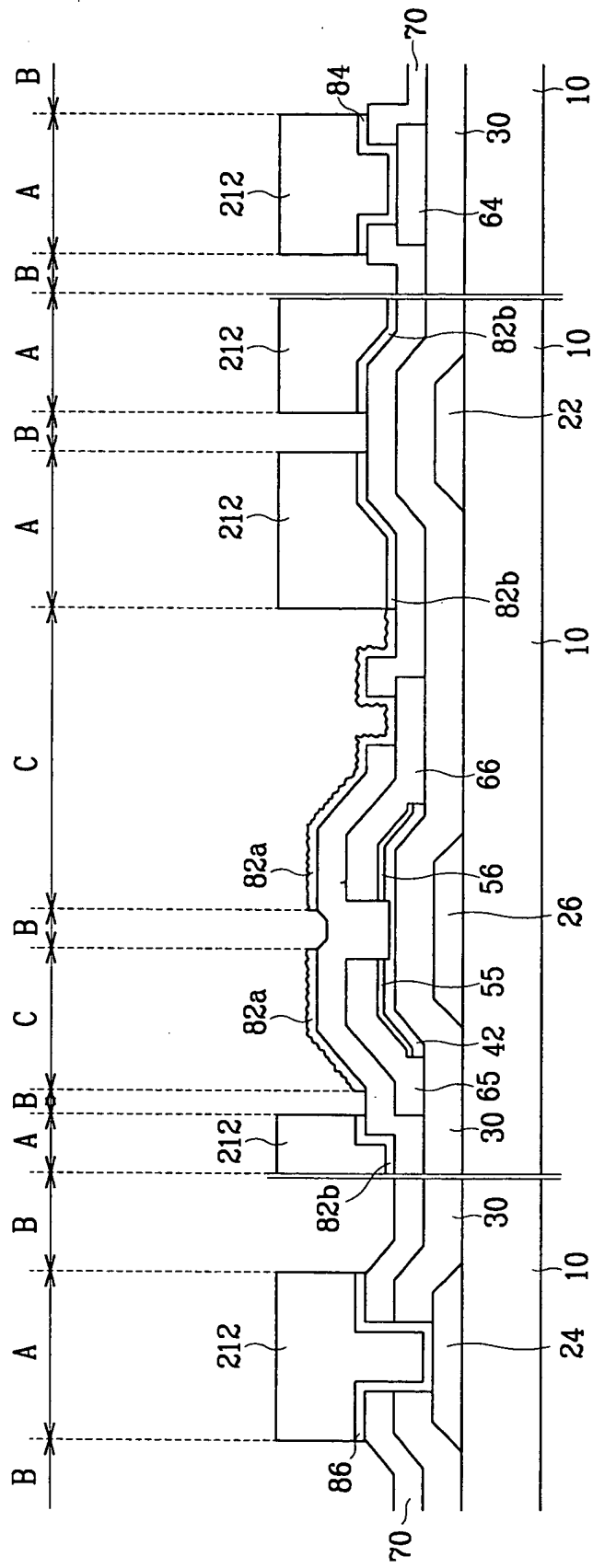


FIG. 29



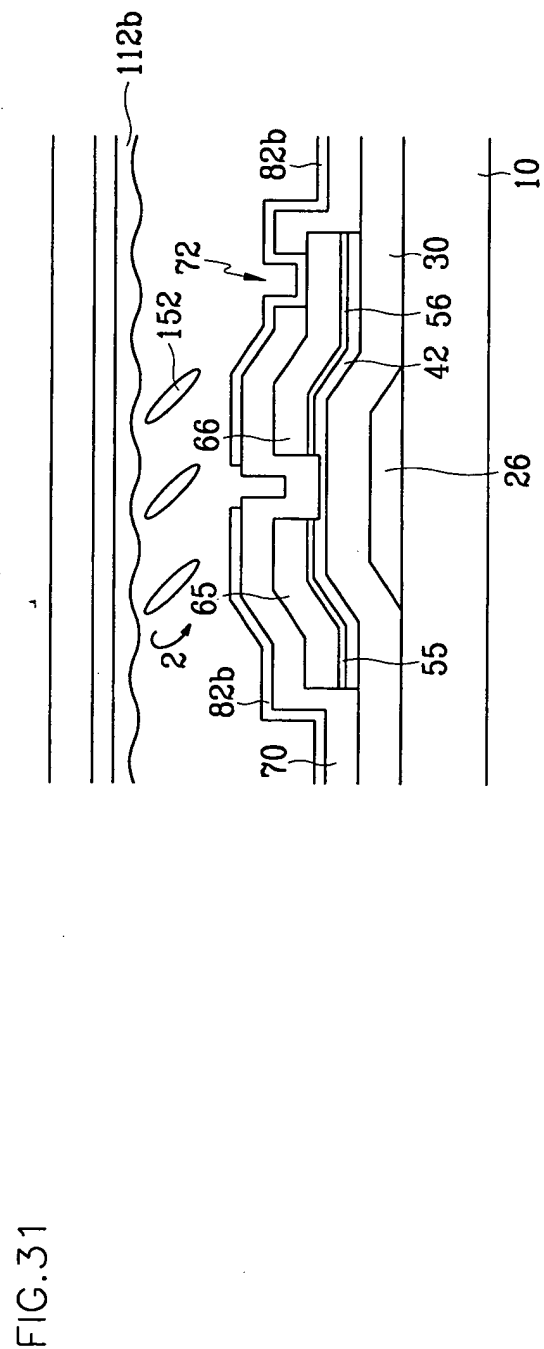
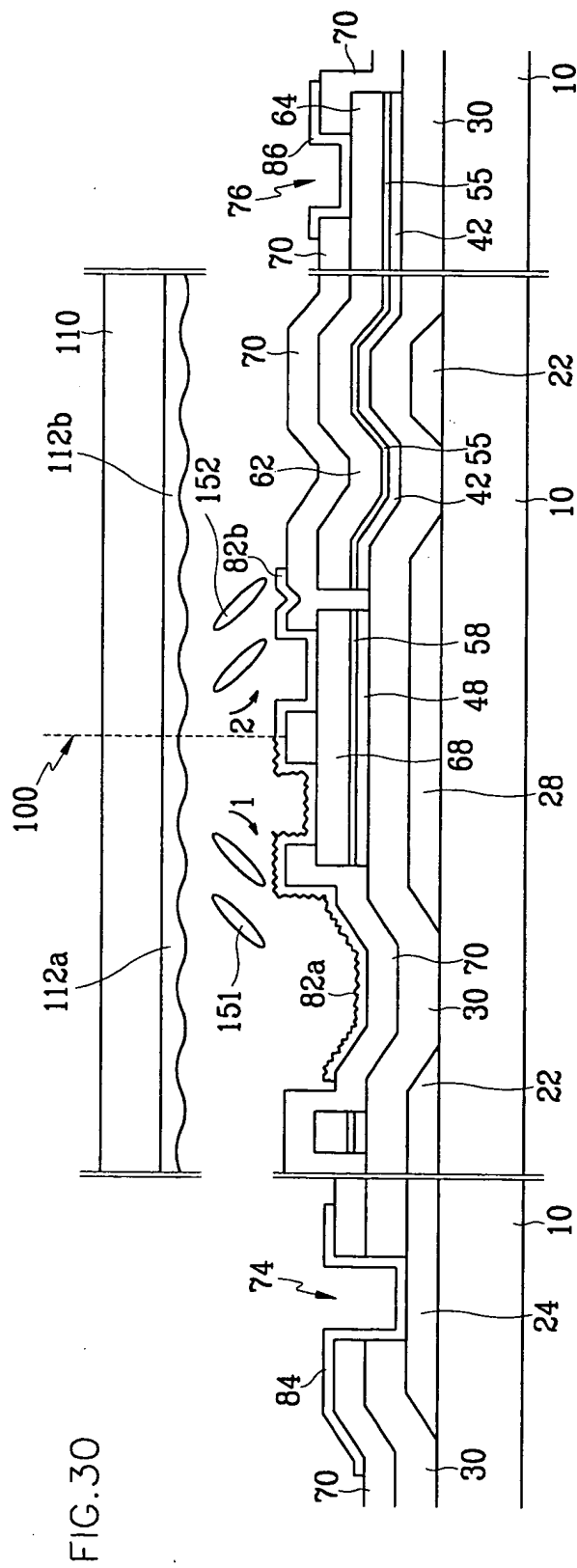


FIG. 32

